


**IN THE SPECIFICATION:**

1. Please substitute the following for paragraph 0032 in the specification:

 [0032] A method of utilizing multiple pulses in a group of slots to encode data is described in detail in U.S. Patent Application Serial No. [[\_\_\_\_]] 10/066,173, entitled MODULATION BY MULTIPLE PULSE PER GROUP KEYING AND METHOD OF USING THE SAME, Hartmann, Clinton S. (Hartmann-One), commonly assigned with the invention and incorporated herein by this reference. The invention described therein provided for multiple pulses in a group of slots, but still requires pulse positions to be separated by  $T_{min}$ . The present invention provides for the use of multiple pulses in a group of slots without the more burdensome limitations found in Hartmann-One. This is done by incorporating herein certain of the principles used to encode data by simultaneous phase and time shift modulation that is described in detail in U.S. Patent Application Serial No. [[\_\_\_\_]] 10/062,833, entitled MODULATION BY PHASE AND TIME SHIFT KEYING AND METHOD OF USING THE SAME, Hartmann, Clinton S. (Hartmann-Two), commonly assigned with the invention and incorporated herein by this reference.